



Agenda

2005 Air Force Modeling & Simulation Conference Building the Future 1 - 3 MARCH 2005

OBJECTIVE: To understand the Air Force Mission and to build Modeling & Simulation capabilities to support the warfighter of today and tomorrow.

Monday, 28 February 2005

15:00-19:00 **Early Registration**

Tuesday, 1 March 2005

08:30 – 11:15

08:30 – 08:45 **Opening Remarks: Colonel David M. Votipka**,
Commander, Air Force Agency for Modeling & Simulation,
Orlando, FL

08:45 – 09:15 **Keynote Address: Mr. Rob C. Thomas II**,
Assistant Deputy Chief of Staff for Warfighting Integration,
Headquarters US Air Force, Pentagon

09:15 – 09:45 **M&S Awards Presentation: Captain Rachel Castellon**,
Force Development Program Manager, Force Development
Division, Air Force Agency for Modeling & Simulation,
Orlando, FL

09:45 – 10:00 **Morning Break**

10:00 – 10:15 **Administrative Notes: Ms. Dianne Parrish**,
Chief, Force Development Division,
Air Force Agency for Modeling & Simulation, Orlando, FL

10:15 – 10:30 **Conference Overview: Colonel David M. Votipka**,
Commander, Air Force Agency for Modeling & Simulation,
Orlando, FL

10:30 – 11:15 **Guest Speaker: Mr. Kenneth S. Callicutt**, Senior
Executive Service, Senior Technical Director, Air Force
Command and Control, and Intelligence, Surveillance and
Reconnaissance Center, Langley AFB





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Tuesday, 1 March 2005

11:15 – 19:00

11:15 – 12:30 **Lunch**

12:30 – 13:30 **Air Staff Perspective and M&S Policy:**
Colonel Jesse J. Citizen, Jr., Chief, Modeling & Simulation
Policy Division, C4ISR Architecture & Operational Support
Modernization Directorate, Deputy Chief of Staff for
Warfighting Integration, Headquarters US Air Force,
Pentagon

13:30 – 13:45 **Afternoon Break**

13:45 – 15:15 **Direction of M&S in Supporting the Warfighter and
2015 Operations: Colonel David M. Votipka**,
Commander, Air Force Agency for Modeling & Simulation,
Orlando, FL

15:15 – 15:30 **Conference Challenge: Colonel David M. Votipka**,
Commander, Air Force Agency for Modeling & Simulation,
Orlando, FL

17:00 – 19:00 **No Host Social:** Habitat Lounge, Florida Mall Hotel





Agenda

Wednesday, 2 March 2005

08:00 – 09:30

08:00 – 08:15 **Opening Remarks: Colonel David M. Votipka**,
Commander, Air Force Agency for Modeling & Simulation,
Orlando, FL

08:15 – 09:30 **M&S Foundations**

Topic: This session will include an informational briefing on the M&S Foundations Thrust, followed by briefings on Transfer of Control, Service and Joint Training Capability Merging Networks, Enhanced Air-to-Air and Air-to-Ground Linked Environment Simulation (EAAGLES) Toolkit and demonstrations of Scenario Generation Server, Scenario Management Service and Event Planning System.

Panel Chairs:

Major Steven Marques, Chief Engineer, M&S Foundations,
Integration Division, Air Force Agency for Modeling &
Simulation, Orlando, FL

Major Holly Wight, Chief, M&S Foundations,
Integration Division, Air Force Agency for Modeling &
Simulation, Orlando, Florida

Panel Members:

Mr. Philip J. Harvey, Operations Research Analyst,
Scientific Research Corporation, 705th Exercise Control
Squadron, Air Force Distributed Mission Operations Center,
505th Distributed Warfare Group, Kirtland AFB

Mr. Randyll L. Levine, Systems Analyst Engineer,
Simulation and Analysis Facility, Aeronautical Systems
Center, Air Force Materiel Command, Wright-Patterson AFB

Major Kevin J. Morello, Requirements Flight Commander,
705th Exercise Control Squadron, Air Force Distributed
Mission Operations Center, 505th Distributed Warfare Group,
Kirtland AFB





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Wednesday, 2 March 2005

09:30 – 10:15

09:30 - 09:45 **Morning Break**

09:45 – 10:15 **M&S Foundations (Cont)**

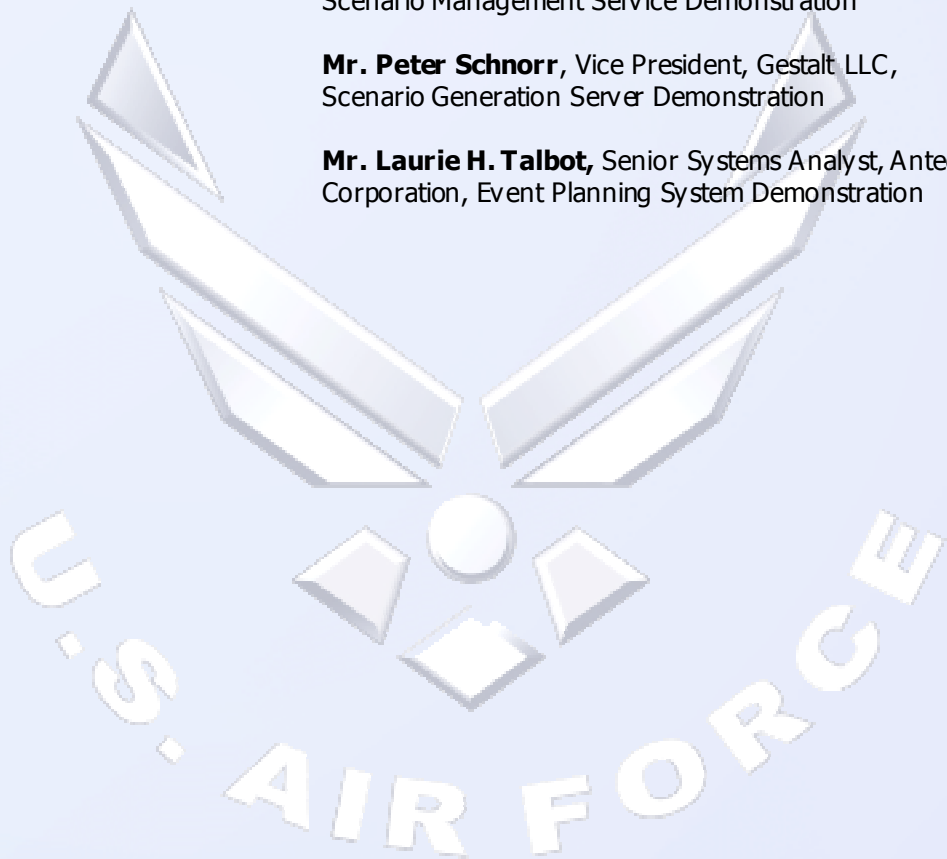
Demonstration Leads:

Mr. Lee S. Krause, President, Securboron, Inc.

Scenario Management Service Demonstration

Mr. Peter Schnorr, Vice President, Gestalt LLC,
Scenario Generation Server Demonstration

Mr. Laurie H. Talbot, Senior Systems Analyst, Anteon
Corporation, Event Planning System Demonstration





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Wednesday, 2 March 2005

10:15 – 11:15

10:15 – 11:15 **New and Emerging Warfighter Capabilities (NEWC)**

Topic: This session will cover the current status of NEWC activities, and briefings on Air Force Analysis, Synthetic Theater Operations Research Model (STORM), Unified Engagement, Global Engagement and Air Force Experimentation.

Panel Chair:

Mr. Royce H. Reiss, Jr., Director, Analyses Foundations Directorate, Air Force Studies & Analyses Agency, Headquarters US Air Force, Pentagon

Panel Members:

Major Simon A. Admore, Deputy Chief, Design and Execution Branch, Air Force Experimentation Office, Langley AFB

Captain Eunice Ciskowski, STORM Program Manager, Analytic Tools Division, Analyses Foundations Directorate, Air Force Studies & Analyses Agency, Headquarters US Air Force, Pentagon

Ms. Sharon R. Nichols, Senior Operations Research Analyst, Analytic Tools Division, Analyses Foundations Directorate, Air Force Studies & Analyses Agency, Headquarters US Air Force, Pentagon

Lieutenant Colonel Gregory S. Rau, Chief, Modeling & Simulation Division, USAF Force Protection Battlelab, Lackland AFB

Lieutenant Colonel Frederick R. Shiner, III, Chief, Modeling Simulation, Wargaming Branch, Concepts, Strategy and Wargaming Division, Deputy Chief of Staff for Air & Space Operations, Headquarters US Air Force, Pentagon

Mr. Steven S. Sprinkle, Chief, Modeling and Simulation, Alion Science and Technology, Air Force Experimentation Office, Langley AFB





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Wednesday, 2 March 2005
11:15 – 15:30

11:15 – 12:30 **Lunch**

12:30 – 13:30 **New and Emerging Warfighter Capabilities (Cont)**

13:30 – 14:00 **Guest Speaker: Captain Joe Morgan,**
Executive Officer for Plans and Programs, Headquarters
Air Mobility Command, Scott AFB

14:00 – 14:15 **Afternoon Break**

14:15 – 15:30 **Science & Technology (S&T) Forum**

Topic: This presentation will cover the changes in Air Force Research Laboratory M&S that are occurring to support System Engineering efforts, as well as the required analysis for technology transition to a more integrated, cross-Technology Directorate manner than in the past. AFRL M&S is tightly integrated with all of their S&T functions.

Speaker: Mr. Terry V. Christian, Senior Aerospace Engineer, Program Integration Division, Plans and Programs Directorate, Air Force Research Laboratory, Wright-Patterson AFB





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Wednesday, 2 March 2005

15:30 – 17:00

15:30 – 16:45 **People - Building the Air Force M&S Community**

Topic: The focus of this panel is on Air Force education and training programs, the analyses of the Air and Space Expeditionary Force Center (AEFC) and future education and training initiatives and how M&S capabilities can support force development.

Panel Chair:

Ms. Dianne L. Parrish, Chief, Force Development Division, Air Force Agency for Modeling & Simulation, Orlando, FL

Panel Members:

Colonel (S) Thomas B. Giattino, Chief, Training Technology Division, Directorate of Operations, Air Education and Training Command, Randolph AFB

Lieutenant Colonel Gary L. Hart, Chief, Workforce Development, Force Development Division, Air Force Agency for Modeling & Simulation, Orlando, FL

Major Marvin N. Swink II, Chief, Analysis Branch, Air and Space Expeditionary Force Center, Langley AFB

16:45 – 17:00 **Conference Challenge: Colonel David M. Votipka**, Commander, Air Force Agency & Modeling & Simulation, Orlando, FL





Agenda

Thursday, 3 March 2005

08:00 – 09:15

08:00 – 08:15 **Opening Remarks: Colonel David M. Votipka**,
Commander, Air Force Agency for Modeling & Simulation
Orlando, FL

08:15 – 09:15 **Accelerated Acquisition**

Topic: The Accelerated Acquisition (AA) Panel will discuss the flagship of AA which is the Air Force Integrated Collaborative Environment (AF-ICE). The AF-ICE is the Air Force contribution to the Joint Service Battlespace Environment (JSBE). The AA Panel will discuss the structure of AF-ICE as the live, virtual, and constructive (L-V-C) distributed environment for the entire acquisition timeline to include technology assessment, Analysis of Alternatives (AoA), trade-off studies, development, test, and certification.

Panel Chair:

Mr. Ricky L. Peters, Chief, Modeling, Simulation and Analysis Division, Capabilities Integration Directorate, Headquarters Air Force Materiel Command, Wright-Patterson AFB

Panel Members:

Colonel Eileen A. Bjorkman, Deputy Director, Capabilities Integration Directorate, Aeronautical Systems Center, Air Force Materiel Command, Wright-Patterson AFB

Mr. Kelly Dalton, Systems Integration Engineer, Modeling, Simulation & Analysis Division, Capabilities Integration Directorate, Headquarters Air Force Materiel Command, Wright-Patterson AFB

Major Kelly A. Greene, Chief, Experimentation, Warfighter Applications Division, Air Force Agency for Modeling & Simulation, Orlando, FL

Colonel Robert C. Halbert, Chief, Net-Centric Enterprise Division, Enterprise Integration Systems Group, Electronic Systems Center, Air Force Materiel Command, Hanscom AFB

Mr. Tim Schumacher, Chief, Aeronautical Sciences Division, Air Vehicles Directorate, Air Force Research Laboratory, Air Force Materiel Command, Wright-Patterson AFB





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Thursday, 3 March 2005

09:15 – 10:30

09:15 – 09:30 **Morning Break**

09:30 – 10:30 **Test & Evaluation**

Topic: The Test and Evaluation (T&E) Panel is a sub-panel of the Accelerated Acquisition (AA) Panel. The T&E Panel will discuss M&S support to T&E to include success stories, lessons learned, and the way-ahead. In addition, the T&E panel will discuss Strategic Planning Guidance for Testing in a Joint Environment (TIJE), which will rely heavily on a live-virtual-constructive distributed environment. The Air Force Integrated Collaborative Environment (AF-ICE), as the flagship capability of AA, will provide the Air Force contribution to the infrastructure in support of TIJE. Finally, the T&E Panel will discuss the upcoming Multi-Service Distributed Event to be held in August 2005.

Panel Chair:

Dr. Edward M. Kraft, Technical Advisor, Arnold Engineering Development Center, Arnold AFB

Panel Members:

Dr. Davy Belk, Technical Director, Engineering and Technical Management Directorate, Headquarters Air Force Materiel Command, Wright-Patterson AFB

Mr. Mike Diekhoff, Deputy Chief Scientist, Headquarters Air Force Operational Test and Evaluation Center, Kirtland AFB

Major Kelly A. Greene, Chief, Experimentation, Warfighter Applications Division, Air Force Agency for Modeling & Simulation, Orlando, FL

Mr. Timothy E. Menke, Technical Lead, Simulation and Analysis Facility, Capabilities Integration Directorate, Aeronautical Systems Center, Air Force Materiel Command, Wright-Patterson AFB

Major Paul Waters, Chief, Test Techniques Development Branch, Engineering Directorate, 412th Test Wing, Edwards AFB





Agenda

Thursday, 3 March 2005

10:30 – 14:30

10:30 – 11:15 **Guest Speaker: Colonel Steve Pennington**,
Commander, Air Force Operations Group, Directorate of
Operations and Training, Deputy Chief of Staff for Air and
Space Operations Headquarters US Air Force, Pentagon

11:15 – 12:30 **Lunch**

12:30 – 14:30 **Warfighter Readiness**

Topic: This session will include a current status on the Warfighter Readiness Thrust area, an overview on 1st Air Force Homeland Defense DMO efforts to include a demonstration, a briefing on the Distributed Mission Operations Center for Space (DMOC-S), tools supporting the warfighter community, Joint Training Transformation to include Air Force M&S efforts with Army, Joint Red Flag JNTC event and the way ahead on future exercise support to warfighter readiness.

Panel Chair:

Colonel Steve Pennington, Commander, Air Force Operations Group, Directorate of Operations and Training, Deputy Chief of Staff for Air and Space Operations, Headquarters US Air Force, Pentagon

Panel Members:

Dr. Steven C. Gordon, Orlando Field Office Manager, Georgia Tech Research Institute, Orlando, FL

Lieutenant Colonel Jeffery D. Irwin, Deputy Chief, Warfighting Integration Division, Headquarters Space Warfare Center, Shriever AFB

Lieutenant Colonel James A. Raulerson, Chief, Warfighter Applications Division, Air Force Agency for Modeling & Simulation, Orlando, FL

Major Mike Valle, Chief, Simulation Exercise Division, Southeast Air Defense Sector, Tyndall AFB

Lieutenant Colonel Ronald C. Wiegand, Commander, 505th Distributed Warfare Group, 505th Command and Control Wing, Kirtland AFB





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Thursday, 3 March 2005

14:30 – 16:30

14:30 – 14:45 **Afternoon Break**

14:45 – 16:00 **Joint Forces Command (JFCOM) Panel Discussion:**

Topic: The focus of this panel is to understand Joint Forces Command Joint Training Directorate (JFCOM/J7), Joint Experimentation Directorate (JFCOM/J9), Joint Advanced Training Technology Laboratory (JATTL) and the Virginia Modeling, Analysis and Simulation Center's (VMASC's) near-term objectives, current successes, and challenges/solutions to modeling and simulation problems. The purpose of this panel is to help the Air Force audience visualize the future of modeling and simulation from a Joint perspective.

Panel Chair:

Colonel Wade E. McRoberts, Senior Air Force Liaison, Joint Forces Command, Suffolk, VA

Panel Members:

Colonel Michael Armstrong, Chief, Joint National Training Capability Live, Virtual & Constructive, Joint Training Directorate, Joint Forces Command, Suffolk, VA

Mr. Warren W. Bizub, Director, Joint National Training Capability Advanced Training Technology Laboratory, Joint Management Office, Joint Forces Command, Suffolk, VA

Mr. James E. Blank, Chief, Joint Experimentation M&S Division, Joint Experimentation Directorate, Joint Forces Command, Suffolk, VA

Mr. Mark A. Phillips, Battle Lab Director, Virginia Modeling, Analysis and Simulation Center (VMASC), Suffolk, VA

16:00 – 16:15 **Conference Review: Colonel David M. Votipka**, Commander, Air Force Agency for Modeling & Simulation, Orlando, FL

16:15 – 16:30 **Closing Comments: Colonel David M. Votipka**, Commander, Air Force Agency for Modeling & Simulation, Orlando, FL

